627
C16w
No.1-31 Index

REMOTE STORAGE

CANADA
DEPARTMENT of INTERIOR

Index to

ANNUAL REPORTS and WATER RESOURCES PAPERS
1922

No. 59

Engin 2

DEPARTMENT OF THE INTERIOR.
CANADA
DOMINION WATER POWER BRANCH

UNIVERSITY OF ILLINOIS LIBRARY
JUN 21 1922
REMOTE STORAGE

CONSOLIDATED SUBJECT INDEX

to the

ANNUAL REPORTS & WATER RESOURCES PAPERS.

(for greater detail see the indexes in each volume)

Note: The general plan of this index has been to refer to principal subjects only, in order that it may be kept within such limits as will allow of its annual revision to include recent publications. It is not a gazetteer of individual rivers and developments - for these refer in general to the province in which they are situated and the index in the volumes stated will give any details available.

March 24, 1922.

627
C16W
no.1-31

Index

	Annual Report		Water Resources Paper	
	Year	Page	No.	Page
Administration of water-power rights- See Regulations re water-power.				
Administrative functions of Dominion Water Power Branch	1920	5		
Administrative officers of water power rights for the various provinces			16	362
Agriculture, power for	1914	273	12	
Alberta Hydrometric Survey to Sept.30 1920 ..... Previous to 1919-20 see "Reports of Stream Measurements", Dept. of the Interior, 1909-19			31	
Alberta Power & Storage Investigations	1914	33,123		
	1915	129		
	1916	66,105		
	1916/17	40, 79		
	1917/19	14		
" - water powers of ..... See also under Prairie Provinces			16	204
Annual Reports - see published classified list. 1912-13 out of print. Those previous to 1913 are included with the Annual Report of the Dept. of the Interior and can be obtained from the Secretary of the Dept.				
Atlantic Drainage, south of St.Lawrence River. (Maritime Provinces)			29	
Automatic gauges, type and installation			19	13
Auxiliary fuel plants, estimates			3	269
Available water power in Canada	1915	17	16	7
" " " "	1920	16		
Bauthier Reclamation Project	1913	38		
Bench marks, Type of permanent, Man....			19	9
British Columbia - co-operation with	1920	6		
" " -Gazetteer of rivers and streams.....			1	497
" " -hydrometric survey	1914	29, 85	8	
			14	
" " " "	1915	37, 97	18	

	Annual Report.		Water Resources Paper.	
	Year	Page	No	Page
British Columbia - hydrometric survey	1916	61, 75	21	
" " " "	1916/17	37, 49	23	
" " " "	1917/19	12,14,26	25	
" " " "	1920	19, 24	30	
" " water powers of			16	15
B.C.Railway Belt:				
Definition of and legal decisions..			1	17
Description of			1	33
Hydrographic Survey 1911-12			1	
" "	1913	10,43		
Irrigation in			1	55
Water Lands Regulations	1916	40		
" " "	1917/19	10		
" " "	1920	10		
Water Powers in			1	66
Water Rights in	1916	175		
British Columbia, water power of			16	15
British Empire, water power resources of.....	1917/19	11, 21		
Cable carrier stations, description of			4	25
" " " "			19	14
Cable stations, description of			4	24
" " "			22	51
Calgary Power Co. See also Horseshoe Falls & Kananaskis Falls			2	
Canadian Hydraulic Development.Mitchell	1915	177	17	
Canfield Mill Pond and Land Survey..	1917/19	44		
Carrot River project - reclamation..	1915	155		
" " " "	1916	153		
" " " "	1916/17	99		

	Annual Report.		Water Resources Paper.	
	Year	Page	No.	Page
Cascade power plant.....	1913	34		
" " "	1914	40, 89		
Census of Central Electric Stations .. See also "Central Electric Stations in Canada", 1917,18 & 19, published by Dominion Bureau of Statistics.	1917/19	20		
Census of Developed Water Powers.....	1917/19	20		
" " " " ..... See also Developed Water Power.	1919/20	16		
Central Electric Station Industry in Canada.....	1920	11	27	
Columbia Valley reclamation	1913	41		
" " "	1914	42,229		
" " "	1915	168		
Co-operative investigatory work	1920	6		
Coquitlam dam - construction work ...	1913	33, 81		
" " " "	1914	36		
" " Report of J.R.Freeman...	1914	141		
" " " " G.R.G.Conway ..	1914	147	13	
Cost of hydrometric and water-power surveys	1917/19	10		
Costs, comparative hydro-electric & fuel			6	
" estimates for hydro-electric developments.....			2	
" " " " " "			3	
" auxiliary or reserve fuel plants			3	269
Current meter measurements.....			1	40
Current meters, rating of ..... See also "Rating Current Meters" in appendix to "Progress of Stream Measurements, Alta and Sask,1912" Reclamation Service,Dept. of Interior.			1	41
Definitions and terms (and in many previous numbers)			29	8
			30	14

	Annual Report.		Water Resources Paper.	
	Year	Page	No.	Page
Developed water power in Canada	1915	29	16	7
" " " "	1917/19	20	27	6
" " " "	1920	16		
See also "Central Electric Stations in Canada, 1917,18 & 19" published by Dominion Bureau of Statistics.				
Dominion Hydrometric Survey	1917/19	10		
" " "	1920	18		
" Land Surveys	1917/19	16,44		
" " "	1920	21		
" Power Board	1917/19	7		
" Water Power Bill	1917/19	9		
" " " Act	1920	9		
" Water Power & Storage Surveys	1920	20		
Directory of Central Electric Stations			27	
Discharge, methods of determining			4	14
Du Bonnet Falls, Winnipeg R. Man				
" " construction	1914	38		
" " development	1915	41, 89		
" " "	1916	70		
Electric Central Stations - see under "Census".				
Electric Power in Canadian Industry. Mitchell	1915	203	17	
Empire water power resources	1917/19	11,21		
Equivalents, convenient			29	9
and in many previous numbers			30	15
Estimates, see Costs			(19	8
Evaporation stations	1913	11,60	(21	15
See also "Stream Measurement".				

	Annual Report.		Water Resources Paper.	
	Year	Page	No.	Page
Farms, power for	1914	273	12	
Float measurements			1	39
			4	18
Freeman, J.R., Report on Coquitlam dam	1914	141		
Frozen season, measurements during			1	44
Fuel plants - oil, gas, steam &c	1914	273	6	
" " " " "			12	
" " - see also Auxiliary Fuel Plants				
Gauges and gauge readers			1	42
Gauging stations			1	41
Greater Winnipeg Water District			3	308
Guide for compilation of Water Power Reports	1914	73	10	
Horseshoe Falls Plant - construction	1913	33, 75	2	34
Hydrometric records - see under respective provinces				
Hydrometric surveys - cost of	1917/19	10		
Ice			1	44
			2	16
" - winter measurements			4	22
International Joint Commission	1913	36, 57	3	305
" " "	1914	43		
" " "	1915	43,121		
	1916	70		
Inventory of water resources	1917/19	17		
" " "	1920	11		

	Annual Report.		Water Resources Paper.	
	Year.	Page	No.	Page
Investigatory functions of Dominion Water Power Branch	1920	5		
Jurisdiction of Dominion Water Power Branch	1920	6		
Kananaskis Falls plant - construction	1913	34, 73	2	39
" " " "	1914	37,209		
La Colle Falls - construction	1913	34, 88		
" " " "	1914	37,197		
Lake Louise Power plant -construction	1913	34, 73		
" " " "description of			12	7
Lake of the Woods - Control Board ...	1917/19	10		
" " " " "	1920	7		
" " " Technical Board	1917	8, 9		
" " "- Int.Joint Commission	1913	16,36,57	3	305
" " " " " "	1914	43,111		
" " " " " "	1915	43,121		
" " " " " "	1916	10, 70, 100,167		
" " " " " "	1916/17	105		
Lake of the Woods - Regulation	1916/17	44,105		
" " " "	1917/19	16		
Lake Manitoba - lowering of	1915	159		
Lake Winnipegosis, lowering of	1915	163		
" " " "	1916	164		
" " " ".....	1916/17	104		
" " " ".....	1917/19	45		

	Annual Report		Water Resources Paper.	
	Year	Page	No.	Page
Legislation re water-power - See Regulations re water-power.				
Licenses of occupation	1916	41		
Manitoba - Gazetteer of Lakes and Rivers			4	259
" - Hydrometric Survey	1913	10, 50	4	
" " "	1914	30, 95		
" " "	1915	38,113	19	
" " "	1916	61, 70	22	
" " "	1916/17	38, 65		
" " "	1917/19	13, 33	24	
			26	
" " "	1920	19, 30	31	
" - Power & Storage Survey ...	1914	32		
" " " "	1915	39		
" " " "	1916	34		
" " " "	1917/19	14		
" " " "	1920	30		
" Power Commission, creation of	1920 1921	35		
" - Southern - power survey ...	1913	13		
" - underground waters	1913	62		
" - water powers of			7	
" " " "			16	191
See also under Prairie Provinces				
Maritime Provinces - co-ordination with	1917/19	16		
" " -hydrometric survey 1918-20			29	
" " -investigatory work..	1920	39		
" " -new agreement with..	1920	6, 19		
" " -water powers of			16	333
See also the respective provinces				

	Annual Report		Water Resources Paper.	
	Year.	Page	No.	Page
Market for power (Winnipeg district)			3	281
McLaren project	1915	171		
Measurements during frozen season			1	44
Metering accessories			19	11
" stations			4	24
Minnewanka dam	1913	33, 71		
Mitchell, C.H.-				
Canadian Hydraulic Developments	1915	177	17	
Electric Power in Canadian Industry	1915	203	17	
Motion pictures of water powers	1916/17	18		
New Brunswick - hydrometric survey	1917/19	13		
" " " "	1920	39		
" " " "1918/20			29	
" " - power & storage surveys.	1917/19	15, 39		
" " " " "	1920	39		
See also reports of the N.B. Electric Power Commission, 1919 et seq.				
New Brunswick - water-powers of			16	337
Nitrogen Fixation - report on	1916	50		
Nova Scotia - hydrometric survey	1917/19	13		
" " " "	1920	39		
" " " 1918/20			29	
" " - power & storage investigations	1916	67,135		
" " " " "	1916/17	41, 89		
" " " " "	1917/19	15, 39		
" " " " "	1920	39		
See also reports of the Nova Scotia Power Commission, 1916 et seq.				
Nova Scotia - Water Power Commission	1915	43		
" " - water powers of			16	337

	Annual Report.		Water Resources Paper	
	Year	Page	No.	Page
Off-peak power, utilization of	1917/19	17		
" " " "	1920	21		
Ontario - co-operation with	1917/19	15		
" " "	1920	6, 19		
" - hydrometric survey	1920	19, 37		
" " " 1919-20....			28	
For earlier years see the annual reports of the Hydro-Electric Power Commission of Ontario, 1912 et seq.				
" - water powers of			16	251
Organization & scope of Dominion Water Power Branch	1920	5		
Pacific Drainage - B.C. & Yukon 1919/20			30	
Panama Pacific Exposition	1914	42,223		
" " "	1915	42,149		
Pasquia reclamation investigations ..	1913	42,101		
Also W.R. Paper No.5 - out of print.				
" " "	1914	40,239	11	
Pemberton Meadows - reclamation	1917/19	45		
Pitt Meadows reclamation	1913	36		
Policy of the Dominion Water Power Branch	1915	47	2	1
" " " " "	1920	5	3	11
Prairie Provinces - report on water powers of	1917/19	47		
" " - water powers of.....			16	181
Prince Albert - See La Colle Falls				
Prince Edward Is.-co-operation with	1917/19	15, 43		
" " " -hydrometric survey 1918/20			29	

	Annual Report		Water Resources Paper.	
	Year	Page.	No.	Page
Prince Edward Is.- investigations ...	1920	39		
" " " -water powers of ...			16	337
Provincial water applications affecting Dominion lands	1916	41		
Publications ..... Classified list is published and also list on back of each Water Resources Paper & Annual Report. See also under head of last items.	1920	22		
Pulp and paper industry			27	6
Quebec - co-operation with.....	1920	6		
" - water powers of			16	297
Rainfall - general			2	23
Rannie reclamation project	1913	37		
Reclamation	1916/17	42, 89		
"	1917/19	16, 44		
See also projects by name.				
Regulations re water power:-				
British Columbia	1917/19	10		
" "	1920	10	16	170
Dominion Lands Act			3	349
Legal research	1917/19	9		
" "	1920	9		
Issued under the Dominion Lands Act			3	350
Maritime Provinces			16	345
New Dominion Regulations -proposed	1916	39		
" " " "	1916/17	5		
" " " "	1917/19	9		

	Annual Report		Water Resources Paper	
	Year	Page.	No.	Page
Regulations re water-power - cont'd.				
New Dominion Regulations-proposed	1920	9		
Ontario, condensed summary			16	289
Prairie Provinces			16	243
Purity of water in forested areas	1916	42		
Railway Belt, B.C.....	1916	39		
Quebec, summary of			16	325
Reservation of lands for water-power purposes	1916	49		
Reserve fuel plants - see Auxiliary				
Rocky Mountains Park, Alta.....	1913	89		
St. Lawrence & Southern Hudson Bay Drainage (Ontario) 1919-20			28	
Saskatchewan Hydrometric Survey, to September 30, 1920 ..... Previous to 1919-20 see "Reports of Stream Measurements", Dept. of the Interior. 1909-19			31	
Saskatchewan Power & Storage Survey..	1914	33,123		
" " " " ..	1915	40,129		
" " " " ..	1916	66,105		
" " " " ..	1916/17	40, 79		
" " " " ..	1917/19	14		
" Water Powers of	1917/19	47		
Scope of Investigations of Dominion Water Branch	1915	50	2	2
" " " "	1920	5	3	17
Silver Creek reclamation	1915	170		
Silver Falls - re-purchase of power site	1916	43		
Small Water Powers	1914	21,273	12	
Snow surveys for predicting stream flow	1913	12		

	Annual Report.		Water Resources Paper.	
	Year	Page	No.	Page
South Saskatchewan Water Supply Diversion Project	1913	35,60,130	6	
Staff gauges	1913	11		
Stave Falls plant - construction	1913	29		
Stave Lake Land Survey	1917/19	44		
Steam reserve plants - see Auxiliary				
Stream measurement, methods in use			1	38
			4	14
			8	9
Sturgeon river, Fort Saskatchewan plant	1913	78		
Sumas Dyking project - reclamation	1913	40		
" " " "	1915	166		
Terms - see Definitions				
Underground water supply - Manitoba.	1913	12		
Velocity, mean, determination of			4	18
Water Power Bill, Dominion	1917/19	9		
" " Act, "	1920	9		
Water Power Regulations - See Regulations.				
Water power resources of British Empire	1917/19	11		
Water Powers of Canada For "Developed" and "Available" see under those headings.			16	
Water Powers of Prairie Provinces	1917/19	47		
Water Resources Conference	1917/19	8		
Water Resources Papers. A classified list is published				

	Annual Report		Water Resources Paper	
	Year	Page	No.	Page
Water Resources Papers in Annual Reports:-				
No. 5.Pasquia Reclamation Project...	1913	101	5	
No. 6.South Saskatchewan project....	1913	130	6	
No.10.Guide for compilation of reports.....	1914	73	10	
No. 11.Pasquia Reclamation project...	1914	239	11	
No.12.Small Water Powers	1914	273	12	
No.13.Coquitlam Buntzen development	1914	147	13	
Water Resources Papers out of print: Nos. 5,6,11,12,20. See above list of W.R. Papers in Annual Reports,				
Water Resources Inventory	1917/19	17		
" " "	1920	11		
Winnipeg - final settlement between City and Railway Co	1916	42		
" - Industrial Exhibit	1914	43		
" " "	1915	43,149		
Winnipeg River power - interests dependent on		L	20	
" " power & storage investigations	1913	14, 18,& 55	3	
	1914	47	7	25
	1915	39, 47		
Winter measurements			1	44
" "			4	22
Yukon - investigatory work handled by B.C. Organization	1920	7		
" - Hydrometric Survey			30	

621
C16w
no.1-31
Index

UNIVERSITY OF ILLINOIS-URBANA
3 0112 043440871